

[APPARATUS AND METHOD FOR SMALL SIGNAL SENSING IN AN SRAM CELL UTILIZING PFET ACCESS DEVICES]

Abstract

A method for small signal sensing during a read operation of a static random access memory (SRAM) cell includes coupling a pair of complementary sense amplifier data lines to a corresponding pair of complementary bit lines associated with the SRAM cell, and setting a sense amplifier so as to amplify a signal developed on the sense amplifier data lines, wherein the bit line pair remains coupled to the sense amplifier data lines at the time the sense amplifier is set.